1. (Currently Amended) A method for operating a flue gas purification plant ~~(10) comprising~~ having a plurality of parallel absorber chambers ~~(11)~~, ~~in which~~ the method comprising:

simultaneously oxidizing CO and NO in each absorber chamber ~~(11), CO and NO are simultaneously oxidized by means of~~ with a catalyst in a first absorber ~~(15)~~ according to the SCONOx principle, and absorbing the resulting NO_2 ~~is absorbed~~ on the catalyst surface~~, in which~~ ;

oxidizing SO_2 ~~is furthermore oxidized by means of~~ with a catalyst in a second absorber ~~(14)~~ upstream of the first absorber ~~(15)~~ according to the SCOSOx principle, and absorbing the resulting SO_3 ~~is absorbed~~ on the catalyst surface~~, in which method~~ ;

successively regenerating the absorber chambers ~~(11) are successively regenerated by means of~~ with a regeneration gas containing hydrogen ~~and/or~~, hydrogen compounds, or both, in regularly repeating regeneration cycles affecting all the absorber chambers ~~(11), characterized in that~~ ; and

selecting the regeneration time of the second absorber ~~(14)~~ within the regeneration cycle ~~is respectively selected~~ to be long enough ~~to guarantee sufficient~~ for regeneration of the second absorber ~~(14)~~.

2. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~ comprising:

allocating a regeneration time for each absorber chamber ~~(11) is allocated a regeneration time~~ within the regeneration cycle~~, in that for full regeneration of an absorber chamber (11) in the regeneration time~~ ;

regenerating the second absorber ~~(14) is first regenerated~~ in a first time segment; and

regenerating the first absorber ~~(15) is regenerated~~ in a subsequent second time segment~~, and in that~~ , wherein the first time segment ~~lasts~~ is at least about 5 minutes, for full regeneration of an absorber chamber in the regeneration time.

3. (Currently Amended) The method as claimed in claim 2, ~~characterized in that~~ wherein the second time segment ~~lasts~~ is at least about 3 minutes.

4. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~ comprising regenerating the first and second absorbers ~~(14, 15) are regenerated~~ independently of one another.

5. (Currently Amended) The method as claimed in ~~one of claims 1 to 4~~Claim 1, ~~characterized in that~~ comprising:

regenerating the first absorbers ~~(15)~~ of the absorber chambers ~~(11) are regenerated~~ in a first regeneration cycle~~,~~; and

regenerating the second absorbers ~~(14)~~ of the absorber chambers ~~(11) are regenerated~~ in a second regeneration cycle~~, and in that~~ ;

wherein the second regeneration cycle lasts substantially longer than the first regeneration cycle.

6. (Currently Amended) The method as claimed in claim 5, ~~characterized in that~~ wherein only the second absorber ~~(14)~~ of an absorber chamber ~~(11)~~ is ~~respectively~~ regenerated in each first regeneration cycle.